

USCMS Engineer Status Report for December 2003

Vladimir Litvin

January 13, 2004

1 Work Performed This Month

1) Calorimetry redesign is in progress. Calorimetry ORCA760 has been released. Documentation has been improved. 2) next 0.5M of events from different datasets has been produced, analyzed and reanalyzed. Graviton datasets generation has been started (Caltech has this responsibility). Timing and tuning for RS and ADD models have been done. 3) Installations on new TeraGrid and NERSC clusters are going on. 4) ORCA IA64 porting is on going. 5) Statistical analysis of PBS jobs at NCSA is in progress.

2 Status of Deliverables

1) Calorimetry redesign is in progress. Calorimetry ORCA760 has been released. Documentation has been improved. 2) next 0.5M of events from different datasets has been produced, analyzed and reanalyzed. Graviton datasets generation has been started (Caltech has this responsibility). Timing and tuning for RS and ADD models have been done. 3) Installations on new TeraGrid and NERSC clusters are going on. 4) ORCA IA64 porting is on going. 5) Statistical analysis of PBS jobs at NCSA is in progress.

3 Plans For Next Month

1) Calorimetry redesign, making oval stuff for each test areas in Calorimetry
2) Installations on new TeraGrid and NERSC clusters are going on. 3) ORCA

IA64 porting is on going. 4) Statistical analysis of PBS jobs at NCSA will be done. 5) Graviton datasets will be generated and simulated (cmsim).

4 Longer Term Plans

1) Calorimetry redesign. 2) preparations for the new round of Caltech production with ORCA7 on IA32/IA64. 3) statistical analysis of our PBS tasks on platinum. 4) Graviton study for March-May presentation on CMS/CPT week